What is claimed is:

1	1.	A method comprising:		
2		partitioning a database corresponding to object images into a first partition and		
3	a second par	a second partition based on a fuzzy similarity analysis of a measure of the object images to a		
4	first threshol	d.		
1	2.	The method of claim 1, further comprising:		
2		partitioning each of the first partition and the second partition into at least two		
3	portions so that the measure of the object images having a fuzzy similarity more than or equa			
4	to a second threshold cluster into a selected one of the at least two portions.			
1	3.	The method of claim 1 further comprising:		
2		deriving a feature set for each of the object images from contours of at least		
3	two views of objects corresponding to each of the object images.			
1	4.	The method of claim 1, further comprising determining a feature set from		
2	image conter	nt of a query object image.		
1	5.	The method of claim 4, further comprising using fuzzy logic to search the		
2	database for at least one image similar to the query object image.			
1	6.	The method of claim 5, wherein using the fuzzy logic comprises comparing		
2	one object image from each of said first and second partitions with said query object image.			
1	7.	The method of claim 6, further comprising:		
2		based on the comparison, obtaining the at least one similar image as a match in		
3	the partition that indicates maximum similarity with said query object image.			

1	8.	The method of claim 1, further comprising:	
2		forming a similarity matrix for the object images within the database before	
3	partitioning the database.		
1	9.	A method comprising:	
2		obtaining a query image; and	
3		searching a database corresponding to object images for a solution set having a	
4	maximum similarity to the query image using fuzzy logic.		
1	10.	The method of claim 9, wherein searching the database comprises comparing a	
2	single image of each of a plurality of sets within the database to the query image.		
1	11.	The method of claim 10, wherein comparing the single image comprises	
2	comparing a feature vector of the query image to a corresponding feature vector of the single		
3	image.		
1	12.	The method of claim 9, further comprising partitioning the database into a	
2	plurality of sets based on fuzzy logic theory.		
		•	
1	13.	The method of claim 12, further comprising partitioning the database into a	
2	plurality of levels, each of the levels corresponding to a similarity threshold.		

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corresponding to the solution set.

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The method of claim 9, further comprising displaying at least one object image

1	15.	An article comprising a machine-readable storage medium containing	
2	instructions that if executed enable a system to:		
3	obtain a query image; and		
4	search a database corresponding to object images for a solution set having a maximum		
5	similarity to the query image using fuzzy logic.		
1	16.	The article of claim 15, further comprising instructions that if executed enable	
2	the system to compare a single image of each of a plurality of sets within the database to the		
3	query image.		
1	17.	The article of claim 15, further comprising instructions that if executed enable	
2	the system to	partition the database into a plurality of sets based on fuzzy logic.	
1	18.	The article of claim 16, further comprising instructions that if executed enable	
2	the system to compare a feature vector of the query image to a corresponding feature vector of		
3	the single image.		
1	19.	A system comprising:	
2	a dyn:	amic random access memory containing instructions that if executed enable the	
3	system to partition a database corresponding to object images into a first partition and a		
4	second partition based on a fuzzy similarity analysis of a measure of the object images to a		
5	first threshold; and		
6	a processor coupled to the dynamic random access memory to execute the instructions		

- 1 20. The system of claim 19, further comprising instructions that if executed enable 2 the system to derive a feature set for each of the object images from contours of at least two 3 views of objects corresponding to each of the object images.
- 1 21. The system of claim 19, further comprising instructions that if executed enable 2 the system to use fuzzy logic to search the database for at least one image similar to a query 3 object image.
- The system of claim 21, further comprising instructions that if executed enable the system to obtain the at least one similar image as a match in the partition that indicates maximum similarity with said query object image.
- 1 23. The system of claim 22, further comprising a display coupled to the processor 2 to display the query object image and the at least one similar image.